

Total NMS Expenditures To Date

Expense

Expense	\$916,155
Expense	\$1,305,187

Capital

Capital	\$2,732
Capital	\$596,464

Total NMS Expenditures To Date = \$2,820,538

Ongoing Maintenance Costs

	<u>S&T Budget</u>	<u>DCSC Budget</u>
Initial Dev Env Setup (Dev)	\$70,100	
Oracle DB Server/SQL (Dev)	\$2,000	
X.25/Editors/Gen GW (Dev)	\$28,500	
Initial Test Env Setup (SysTest)	\$55,400	
Oracle DB Server/SQL (SysTest)	\$2,000	
Initial Production Env Setup (Prod)		\$131,000
Oracle DB Server/SQL (Prod)		\$1,000
ADSL Subnet Server Hardware Maint (Prod)		
ATM Subnet Server Hardware Maint (Prod)		\$2,745
Interface Server Hardware Maint (Prod)		\$2,745
NMS Server Hardware Maint (Prod)		\$7,583
Total =	\$158,000	\$145,073

Total Ongoing Maintenance Cost = \$308,563

S&T Due in = \$100,600

S&T Due in = \$158,000

IT Budget

Due

Vendor

OSI

Oracle

OSI

OSI

Oracle

OSI

Oracle

\$5,490

MTEC

MTEC

MTEC

MTEC

\$5,490

1997 ADSL NMS Expenditures

Expense

Permanent Headcount

<u>Development</u>	<u>Function</u>	<u>Position</u>	<u>Percent</u>	<u>Months</u>	<u>Exp To EOM</u>
Ward Chewning	Mgt	Dir	0.5	4	\$23,333
Ra-ed Kayyali	Dev	SMTS	1.0	4	\$40,000
Fari Behi	Dev	SMTS	1.0	4	\$40,000
Hanif Merali	Dev	SMTS	1.0	4	\$40,000
Pat Sullivan	Env Spt	DMTS	0.2	4	\$9,333
					<u>\$152,667</u>

Development Total = \$152,667

SE Total = \$150,000

Permanent Headcount Total = \$302,667

Contractor Headcount Expense

	<u>Function</u>	<u>Company</u>	<u>Current Exp</u>
OSI Consulting Expense (Oct)	Dev	OSI	\$19,981
OSI Consulting Expense (Nov)	Dev	OSI	\$60,894
OSI Consulting Expense (Dec)	Dev	OSI	\$57,350
OSI Consulting Expense (Jan*)	Dev	OSI	\$3,846
OSI Consulting Expense (Feb*)	Dev	OSI	\$22,956
OSI Consulting Expense (March*)	Dev	OSI	\$19,280
			<u>\$184,307</u>

* Will be paid from budget

Total = \$184,307

Total Labor Expense = \$486,974

Training Expense

	<u>Vendor</u>	<u>Class</u>	<u>Invoice</u>	<u>Amount</u>
In-House Training (8)	OSI	Basic Rules	200803	\$30,000
Fari Behi	OSI	Basic VA	200803	\$2,400
Hanif Merali	OSI	Basic VA	200803	\$2,400
Ra-ed Kayyali	OSI	Basic VA	200803	\$2,400
Philip Wu	OSI	Basic VA	200803	\$2,400
				<u>\$39,600</u>

Total Training Expense = \$39,600

Software Expense

	<u>Vendor</u>	<u>Date</u>	<u>Invoice</u>	<u>Amount</u>	<u>Annual Mtc</u>	<u>Mtc Renewal</u>
<u>Development Env</u>						
Initial Dev Env Setup	OSI		200796	\$215,856	\$70,100	
-5 Gen GW					\$3,500	
-2 Rule Editors					\$20,000	
-1 SNMP GW					\$800	
-IDEAS/VA Server					\$22,000	
-4 Operator Wks					\$8,000	
-1 Web Operator					\$800	
-1 Shell PA					\$3,000	
-1 Package Admin					\$6,000	
-2 SLGMS Dev (Third Party)					\$5,000	
-2 SLGMS Runtime (Third Party)					\$1,000	
Oracle DB Server/SQL	Oracle			\$5,000	\$2,000	
X.25/Editors/Gen GW	OSI		200973	\$152,475	\$28,500	
-5 Gen GW					\$3,500	
-2 Rule Editors					\$20,000	
-X.25 PA					\$5,000	

Cascade FS/PS

Cascade

\$16,250

\$389,581

\$100,600

Total = \$389,581

Test Env

Total = \$0

Field Machine

Total = \$0

Total Software Expense = \$389,581

Total ADSL NMS Expense To Date = \$916,155

Capital

	<u>Vendor</u>	<u>Date</u>	<u>Invoice</u>	<u>Amount</u>	<u>Annual Mtc</u>	<u>Mtc Renewal</u>
<u>Development Env</u>						
2.1GB Hard Drives - Quantity 4	MTEC	7		\$2,732		
				<u>\$2,732</u>	<u>\$0</u>	
<u>Total</u>				\$2,732	\$0	

Test Env

Total = \$0

Field Machine

Total = \$0

Total ADSL NMS Capital To Date = \$2,732

Total ADSL NMS Cost To Date = \$918,887

<u>Position</u>	<u>Loaded Salary</u>
Dir	\$140,000
DMTS	140,000
MTS	110,000
SMTS	120,000

ADSL NMS Budget Vs. Actuals

	<u>Budget</u>	<u>Actuals</u>	<u>Difference</u>
<u>Expense</u>			
<u>Permanent Headcount</u>	\$695,000	\$199,500	\$495,500
<u>Contractor Headcount Expense</u>	\$424,000	\$177,838	\$246,163
<u>Training Expense</u>	\$0	\$2,100	(\$2,100)
<u>Total</u>	\$1,119,000	\$379,438	\$739,563
<u>Software Expense</u>			
<u>Development Env</u>	\$0	\$5,754	(\$5,754)
<u>Test Env</u>	\$245,000	\$194,500	\$50,500
<u>Field Machine</u>	\$340,000	\$455,495	(\$115,495)
<u>Maintenance</u>	\$0	\$0	\$0
<u>Total</u>	\$585,000	\$655,749	(\$70,749)
<u>Total DSL NMS Expense</u>	<u>\$1,704,000</u>	<u>\$1,305,187</u>	<u>\$398,813</u>

	<u>Budget</u>	<u>Actuals</u>	<u>Difference</u>
<u>Capital</u>			
<u>Development Env</u>	\$0	\$0	\$0
<u>Test Env</u>	\$266,000	\$278,206	(\$12,206)
<u>Field Machine</u>	\$307,500	\$318,258	(\$10,758)
<u>Total ADSL NMS Capital</u>	<u>\$573,500</u>	<u>\$596,464</u>	<u>(\$22,964)</u>

Total Budget = \$2,277,500 \$1,901,651 \$375,849

ADSL NMS ExpendituresExpensePermanent Headcount

	<u>Function</u>	<u>Position</u>	<u>Percent</u>	<u>Month</u>	<u>Exp To EOM</u>
Ward Chewning	Mgt	Dir	0.5	1	\$17,500
Raed Kayyali	Dev	SMTS	1.0	1	\$30,000
Fari Behi	Dev	SMTS	1.0	1	\$30,000
Hanif Merali	Dev	SMTS	1.0	1	\$30,000
Sandeep Chawla	Dev	SMTS	1.0	1	\$30,000
Miri Iskac	Dev	MTS	1.0	1	\$27,500
Ren-Wei Liou	Dev	MTS	1.0	1	\$27,500
Pat Sullivan	Env Spt	DMTS	0.2	1	\$7,000
					<u>\$199,500</u>

Development Total = \$199,500SE Total (Through August)= \$270,000Permanent Headcount Total = \$469,500Contractor Headcount Expense

	<u>Function</u>	<u>Company</u>	<u>Current Exp</u>
Martin Cooper	Dev	Sigma	\$67,475
Tom Georges	Dev	OSI	\$66,056
Sailesh Patkar	Test	MSI	\$21,906
Khos Sadeghi	Test	MSI	\$22,400
			<u>\$177,838</u>

Total = \$177,838Total Labor Expense = \$647,338Training Expense

	<u>Vendor</u>	<u>Class</u>	<u>Date</u>	<u>Invoice</u>	<u>Amount</u>
Sandeep Chawla	OSI	Basic Rules		601621	\$2,100
					<u>\$2,100</u>

Total Training Expense = \$2,100Software Expense

	<u>Vendor</u>	<u>Date</u>	<u>Invoice</u>	<u>Amount</u>	<u>Annual Mtc</u>	<u>Mtc Renewal</u>
<u>Development Env</u>						
SunLink X.25 Server (Nucleus, A	MTEC			\$5,754		
From Initial Prod Env Setup (cost	OSI					6/30/99
-1 CORBA Access Gateway						
-1 IDEAS/VA Server						
				<u>\$5,754</u>	<u>\$0</u>	

Total = \$5,754

	<u>Vendor</u>	<u>Date</u>	<u>Invoice</u>	<u>Amount</u>	<u>Annual Mtc</u>	<u>Mtc Renewal</u>
<u>Test Env</u>						
Initial System Test Env Setup	OSI			\$189,500	\$55,400	
-5 Gen GW					\$3,500	
-1 Rule Editors					\$10,000	
-1 SNMP GW					\$800	
-1 IDEAS/VA Server					\$22,000	
-4 Operator Xterm					\$5,600	
-1 Shell PA					\$3,000	
-2 X.25 PA (Re-Used 1 for Prod)					\$10,000	
-1 SLGMS Runtime (Third Party)					\$500	
Oracle DB Server/SQL	Oracle			\$5,000	\$2,000	
From Initial Prod Env Setup (cost	OSI					
-1 High Availability ProcMon						
				<u>\$194,500</u>	<u>\$57,400</u>	

Total = \$194,500

<u>Field Machine</u>	<u>Vendor</u>	<u>Date</u>	<u>Invoice</u>	<u>Amount</u>	<u>Annual Mtc</u>	<u>Mtc Renewal</u>
Initial Prod Env Setup	OSI			\$445,425	\$131,000	
-17 Gen GW					\$11,900	
-1 Rule Editors					\$10,000	
-1 SNMP GW					\$800	
-2 IDEAS/VA Server (1 For Dev Env)					\$44,000	
-2 High Availability ProcMon (1 For Sys Test Env)					\$20,000	
-1 SNMP Assistant					\$800	
-10 Operator Xterm					\$14,000	
-1 Shell PA					\$3,000	
-1 X.25 PA					\$5,000	
-1 Corba Access Gateway (for Dev Env)					\$13,000	
-1 Package Admin					\$6,000	
-5 SLGMS Runtime (Third Party)					\$2,500	
Oracle DB Server/SQL	Oracle			\$5,000	\$1,000	
SunLink X.25 Server (2 ADSL Su	MTEC			\$5,070		
<u>Total</u> = \$455,495				\$455,495	\$132,000	

Total Software Expense = \$655,749

Total ADSL NMS Expense To Date = \$1,305,187

Capital

<u>Development Env</u>	<u>Vendor</u>	<u>Date</u>	<u>Invoice</u>	<u>Amount</u>	<u>Annual Mtc</u>	<u>Mtc Renewal</u>
<u>Total</u> = \$0				\$0	\$0	

<u>Test Env</u>	<u>Vendor</u>	<u>Date</u>	<u>Invoice</u>	<u>Amount</u>	<u>Annual Mtc</u>	<u>Mtc Renewal</u>
ADSL Sub-Net Server (E450)	MTEC			\$42,867		
-2 300Mhz CPUs						
-1 GB RAM						
-16 GB Disk						
-1 Power Supply						
-1 HIS Card						
ATM Sub-Net Server (E450)	MTEC			\$33,652		
-1 300Mhz CPU						
-1 GB RAM						
-16 GB Disk						
-1 Power Supply						
Interface Gateway (E450)	MTEC			\$36,717		
-1 300Mhz CPU						
-1 GB RAM						
-16 GB Disk						
-1 Power Supply						
-2 HIS Card						
NMS Server (E4000)	MTEC			\$158,013		
-4 250Mhz CPUs						
-2 GB RAM						
-25 GB Disk						
-2 Power/Cooling Modules						
-1 Additional Fast Ethernet						
-1 8mm 20-40GB Tape Drive						
WYSE Terminal and Keyboard	MTEC		27728	\$589		

Total ADSL NMS Cost To Date = \$1,901,650.70

<u>Position</u>	<u>Loaded Salary</u>
Dir	\$140,000
DMTS	140,000
MTS	110,000
SMTS	120,000

Hour Sheet for Martin Cooper (Sigma Designs)

Summary

Total Charges = \$67,475

<u>Week Of</u>	<u>Rate</u>	<u>Hours</u>	<u>Charges</u>
70		40	\$2,800
70		40	\$2,800
70		40	\$2,800
70		40	\$2,800
70		40	\$2,800
70		40	\$2,800
70		40	\$2,800
70		36	\$2,520
70		40	\$2,800
70		39	\$2,730
70		40	\$2,800
70		40	\$2,800
70		40	\$2,800
70		40	\$2,800
70		0	\$0
70		40	\$2,800
70		42.5	\$2,975
70		37.5	\$2,625
75		51	\$3,825
75		26	\$1,950
75		42.5	\$3,188
75		31.5	\$2,363
75		39.5	\$2,963
75		35.5	\$2,663
75		42	\$3,150
75		39	\$2,925

Total = \$67,475

Hour Sheet for Shailesh Patkar (MSI)

Summary

Total Charges = \$21,906

<u>Week Of</u>	<u>Rate</u>	<u>Hours</u>	<u>Charges</u>
	62.5	32	\$2,000
	62.5	40	\$2,500
	62.5	40	\$2,500
	62.5	32	\$2,000
	62.5	40	\$2,500
	62.5	48	\$3,000
	62.5	40	\$2,500
	62.5	46.5	\$2,906
	62.5	32	\$2,000

Total = \$21,906

Hour Sheet for Khos Sadeghi (MSI)

Summary

Total Charges = \$22,400

<u>Week Of</u>	<u>Rate</u>	<u>Hours</u>	<u>Charges</u>
	70	40	\$2,800
	70	40	\$2,800
	70	32	\$2,240
	70	40	\$2,800
	70	48	\$3,360
	70	40	\$2,800
	70	48	\$3,360
	70	32	\$2,240

Total = \$22,400

Hour Sheet for Tom Georges (OSI)

Summary

Total Charges = \$66,056

<u>Week Of</u>	<u>Rate</u>	<u>Hours</u>	<u>Charges</u>
	162.5	39	\$6,338
	162.5	36	\$5,850
	162.5	0	\$0
	162.5	36	\$5,850
	162.5	36.5	\$5,931
	162.5	37	\$6,013
	162.5	39	\$6,338
	162.5	34	\$5,525
	162.5	44	\$7,150
	162.5	39	\$6,338
	162.5	30.5	\$4,956
	162.5	35.5	\$5,769

Total = \$66,056